

THAT WHICH IS CLAIMED IS:

1. A thermoplastic isotropic sheet comprising:
a sheet of a thermoplastic material having at least one ornamental surface, said ornamental surface further defining a plurality of linear and substantially parallel grooves defined within said ornamental surface of said sheet.
2. The sheet according to claim 1 wherein said plurality of grooves have a depth of about 25 to about 100 microns.
3. The sheet according to claim 1 wherein said plurality of grooves have a depth of about 25 to about 40 microns.
4. The sheet according to claim 1 wherein said plurality of grooves are spaced a distance apart of about 0 to about 20 microns.
5. The sheet according to claim 4 wherein said plurality of grooves have a depth of about 25 to about 100 microns.
6. The sheet according to claim 4 wherein said plurality of grooves have a depth of about 25 to about 40 microns.
7. A process of producing a thermoplastic article having a repairable surface comprising:
forming a thermoplastic material into a shaped article;
texturing at least one surface of said shaped article by the formation of a plurality of linear, substantially parallel grooves in said at least one surface of the shaped article;

wherein said shaped article has at least one surface of grooves which, when repaired using an abrasive, a repaired surface matches a finish of the surrounding surface.

8. The shaped article according to claim 7 wherein said plurality of grooves have a depth of about 25 to about 100 microns.

9. The shaped article according to claim 7 wherein said plurality of grooves have a depth of about 25 to about 40 microns.

10. The shaped article according to claim 7 wherein said plurality of grooves are spaced a distance apart of about 0 to about 20 microns.

11. The shaped article according to claim 10 wherein said plurality of grooves have a depth of about 25 to about 100 microns.

12. The shaped article according to claim 10 wherein said plurality of grooves have a depth of about 25 to about 40 microns.

13. A process of repairing a flaw within a surface of a thermoplastic article comprising:

providing an article having at least one thermoplastic surface, said thermoplastic surface having a surface texture comprising a plurality of substantially parallel grooves;

locating a flaw within the thermoplastic surface;

applying an abrasive substrate to a location of the flaw within the thermoplastic surface, the abrasive substrate applied in a direction corresponding to a direction of said parallel grooves;

continuing application of an abrasive substrate until said flaw is removed;

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wherein, an area where said flaw is removed matches the surface finish of the adjacent surface.

14. The thermoplastic article according to claim 13 wherein said plurality of grooves have a depth of about 25 to about 100 microns

15. The thermoplastic article according to claim 13 wherein said plurality of grooves have a depth of about 25 to about 40 microns.

16. The thermoplastic article according to claim 13 wherein said plurality of grooves are spaced a distance apart of about 0 to about 20 microns.

17. The thermoplastic article according to claim 16 wherein said plurality of grooves have a depth of about 25 to about 100 microns.

18. The thermoplastic article according to claim 16 wherein said plurality of grooves have a depth of about 25 to about 40 microns.

19. The sheet according to claim 1 wherein said sheet further comprises a backing material adhered to a lower surface of said sheet.

20. The sheet according to claim 19 wherein said backing material is selected from the group consisting of foam, fabric, wood, particle board, thermoplastic material, and rubber.

21. The process according to claim 7 wherein said process comprises the additional step of applying a backing material to said shaped article, thereby forming a laminate.